

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
29 December 2004 (29.12.2004)

PCT

(10) International Publication Number
WO 2004/113649 A3

(51) International Patent Classification⁷: **G09F 17/00**

(21) International Application Number:
PCT/US2004/020076

(22) International Filing Date: 21 June 2004 (21.06.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/480,272 20 June 2003 (20.06.2003) US

(71) Applicant (for all designated States except US): **COLONIAL DISCOUNT FLAG & FLAGPOLE CO.** [US/US];
9390 South 300 West, Sandy, UT 84070 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **SWENSON, Paul**
[US/US]; 9390 South 300 West, Sandy, UT 84070 (US).

DICKEY, Mark [US/US]; 10498 Weeping Willow Drive,
Sandy, UT 84070 (US). **VAN SCHELT, Jack** [US/US];
2392 Maple Hills Drive, Bountiful, UT 84010 (US).

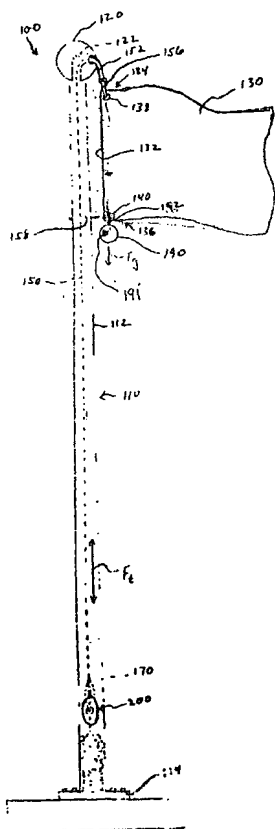
(74) Agents: **NORTH, Vaughn, W.** et al.; Thorpe, North &
Western, LLP, P.O. Box 1219, Sandy, UT 84091-1219
(US).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,

[Continued on next page]

(54) Title: **HALYARD SYSTEM FOR A FLAG POLE**



(57) **Abstract:** A method and apparatus for providing a halyard system configured to suspend a flag (130) to a flag pole (110). The halyard system includes a holding member (170), a line member (150) and a weighted-down mass structure (190). The holding member is coupled to the flag pole. The line member is operatively coupled to an upper side portion of the flag and extends through an upper portion of the flag pole to be removably coupled to the holding member. The weighted-down mass structure is operatively coupled to a lower side portion of the flag and operable to freely hang from the lower side portion of the flag. With this arrangement, the weighted-down mass structure is operable to place tension on the line member and a peripheral side of the flag (132) so as to substantially maintain the peripheral side of the flag in a suspended position along side the flag pole.

WO 2004/113649 A3



GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

(88) Date of publication of the international search report:
14 April 2005

Published:

— *with international search report*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.